



Grain Crushings and Co-Products Production

ISSN: 2377-3855

Released October 3, 2016, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Highlights

July 2016 contained 31 days.

August 2016 contained 31 days.

Total corn consumed for alcohol and other uses was 511 million bushels in August 2016. Total corn consumption was up slightly from July 2016 and up 3 percent from August 2015. August 2016 usage included 91.4 percent for alcohol and 8.6 percent for other purposes. Corn for beverage alcohol totaled 3.13 million bushels, up 20 percent from July 2016 and up slightly from August 2015. Corn for fuel alcohol, at 458 million bushels, was up slightly from July 2016 and up 3 percent from August 2015. Corn consumed in August 2016 for dry milling fuel production and wet milling fuel production was 89.8 percent and 10.2 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 2.07 million tons during August 2016, up 1 percent from July 2016 and up 7 percent from August 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.23 million tons in August 2016, up slightly from July 2016 but down 4 percent from August 2015.

Wet mill corn gluten feed production was 337 thousand tons during August 2016, down 1 percent from July 2016 and down 2 percent from August 2015. Wet corn gluten feed 40 to 60 percent moisture was 309 thousand tons in August 2016, down 7 percent from July 2016 but up 6 percent from August 2015.

Dry and Wet Mill, Corn Consumed – United States: August 2016 with Comparisons

Purpose	August 2015	July 2016	August 2016
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	3,129	2,609	3,132
Fuel alcohol	445,718	455,979	458,132
Dry mill	398,222	408,061	411,181
Wet mill	47,496	47,918	46,951
Industrial alcohol	6,336	5,772	5,810
Consumed for other purposes			
Total wet mill products other than fuel	42,510	44,564	43,670

Dry Mill, Sorghum Consumed – United States: August 2016 with Comparisons

Purpose	August 2015	July 2016	August 2016
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	(D)	5,980	4,366

(D) Withheld to avoid disclosing data for individual operations.

Dry and Wet Mill, Co-products and Products Produced – United States: August 2016 with Comparisons

Co-products and products	August 2015	July 2016	August 2016
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	155,539	140,639	143,040
Corn oil (Corn Distillers Oil - CDO)	120,756	144,020	142,000
Distillers dried grains (DDG)	452,969	404,758	428,748
Distillers dried grains with solubles (DDGS)	1,928,716	2,047,172	2,072,699
Distillers wet grains (DWG) 65% or more moisture	1,284,329	1,224,023	1,227,680
Modified distillers wet grains (DWG) 40% to 64% moisture	339,316	359,613	353,664
Wet mill			
Corn germ meal	66,563	65,032	65,783
Corn gluten feed	343,476	339,700	336,916
Corn gluten meal	96,072	89,125	87,793
Corn oil	52,514	57,325	53,970
Wet corn gluten feed 40% to 60% moisture	290,652	331,949	309,077
Dry and wet mill			
Carbon dioxide captured	224,982	230,934	224,408

Statistical Methodology

Survey Procedures: *Grain Crushings and Co-Products Production* is part of the Current Agricultural Industrial Reports (CAIR) program. CAIR reports are administered under NASS's Census of Agriculture program. Response to CAIR surveys are required by law (Title 7, U.S. Code). Data are collected from all known mills that produce ethanol.

The census universe was determined during operation profile interviews which were completed for each potential facility to identify the presence of ethanol production in 2014. During the operation profile, facilities that met the survey criteria were asked for the nameplate production capacity. The operation profile also documented the manner in which the firm will report. A firm headquarters can report for all milling locations or each location can report separately.

In the Dry Mill Producers and Wet Mill Producers survey questionnaires, mills are asked for previous calendar month data on feedstocks consumed, products and co-products produced. Mills are mailed questionnaires with the options of completing the survey by mail or by Electronic Data Reporting (EDR). For surveys not received in a reasonable amount of time, telephone follow-up is conducted.

Estimating Procedures: Imputation is done for operations with non-response by using historical data and current data relationships. Data for reporting firms are added to estimates for non-reporting firms to obtain National totals.

Revision Policy: Data are revised the following month based on late reports or corrected data. Final figures are published in the annual summary of the following year.

Reliability: Approximately 130 reports are received each month which represent about 90 percent of total capacity. Monthly data can vary due to different firms reporting month to month. Survey data are also subject to non-sampling errors such as omissions and mistakes in reporting and in processing the data. While these errors cannot be measured directly, they are minimized by carefully reviewing all reported data for consistency and reasonableness.

Information Contacts

Listed below are the commodity statisticians in the Environmental, Economics, and Demographics Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov.

Jody McDaniel, Chief, Environmental, Economics, and Demographics Branch	(202) 720-6146
Scott Shimmin, Head, Environmental and Demographics Section.....	(202) 720-0684
Stephanie Brennan – Field Crops Chemical Use	(202) 690-0392
Natasha Bruton – Current Agricultural Industrial Reports.....	(202) 720-7644
Ryan Cowen - Farms, Land in Farms, Census of Agriculture.....	(202) 690-3233
Doug Farmer – Vegetable Chemical Use	(202) 720-7492
Virginia Harris – Census of Agriculture.....	(502) 582-5293
Megan Lipke – Census of Agriculture	(202) 720-5881
Miste Salmon – Current Agricultural Industrial Reports	(202) 690-3226
Dominique Sims – Census of Agriculture.....	(202) 690-4752
Theresa Varner – Farm Labor, Chemical Use	(202) 690-2284

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.